



Oklahoma Crop Weather

Oklahoma Field Office

Cooperating with the Oklahoma Department of Agriculture, Food and Forestry

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Drought Continues Throughout the State

January proved to be even drier than the month before, even after a few bouts of freezing rain and snow. The period from January 1st to January 30th was the sixth driest such period since 1921 with only 0.24 of an inch of precipitation for the state. The Southeast district received the most moisture with 0.57 of an inch for the month. Overall, every district is far below normal precipitation for the cool season and this is affecting the availability of small grains and grasses for grazing. Pond levels are also low, causing concern for livestock operators. Temperatures averaged in the 30's for the month, but both extreme cold and unseasonable warmth were experienced. A low of -8 degrees was recorded in the Panhandle the second week of January while temperatures as high as 78 degrees were felt in multiple locations the last weekend of the month. Both topsoil and subsoil moisture conditions continued to decline over the past month with 88 percent of topsoil and 83 percent of subsoil rated short to very short.

Soil Moisture Conditions by Percent

Month Ending January 30, 2011

Moisture Rating	Topsoil	Subsoil
Very Short	55	39
Short	33	44
Adequate	12	17
Surplus	0	0

Small Grains: Conditions for wheat and oats were rated mostly in the fair to poor range with 40 percent of wheat and 46 percent of oats rated poor to very poor. Rye was rated mostly in the good to fair range with 24 percent rated poor to very poor. **Wheat** grazed was at 36 percent, nine points behind the previous year and equal to the five-year average. **Rye** grazed was at 64 percent, ten points behind last year. **Oats** grazed was at 16 percent.

Pasture and Range: Pasture and range conditions continue to decline due to the lack of moisture. Conditions were rated mostly in the fair to poor range, with 43 percent rated poor to very poor. Despite the lack of available grazing, hay supplies for the rest of the season are reported to be adequate in most areas. Only 12 percent of the state rated hay supplies as above average, while 66 percent were rated as average and 22 percent below average.

Livestock: Conditions were rated mostly in the good to fair range with ten percent rated poor to very poor. The lack of precipitation has greatly affected the available grazing and forage as well as pond levels. Some producers are choosing to sell cattle early to reduce costs.

Conditions by Percent

Month Ending January 30, 2011

Item	Very Poor	Poor	Fair	Good	Excellent
Small Grains -					
Winter Wheat	6	34	39	19	2
Rye	6	18	49	25	2
Oats	4	42	45	8	1
Livestock, Pasture and Range -					
Livestock	1	9	44	41	5
Pasture and Range	12	31	46	10	1

Crop Progress by Percent

Month Ending January 30, 2011

Crop and Event	2011	2010	5 Year Average
Wheat -			
Grazed	36	45	36
Rye -			
Grazed	64	74	61
Oats -			
Grazed	16	14	15

Weather for Month Ending January 30, 2011: Temperatures ranged from -8 degrees at Hooker on Tuesday, January 11th to 78 degrees at Butler and Fairview on Friday, January 28th and at Oilton on Saturday, January 29th. Precipitation ranged from 0.08 of an inch in the Southwest district to 0.57 of an inch in the Southeast district. Soil temperature averages ranged from 28 degrees at Claremore on Thursday, January 13th to 53 degrees at Mt. Herman on Sunday, January 30th.

Mesonet Temperature and Precipitation Data

Month Ending January 30, 2011

Districts	Temperature			Precipitation			
	High	Low	Average	Current Month Jan 1 – Jan 30	September 1, 2010 to January 30, 2011		
					Total	Departure from Normal	Percent of Normal
	<i>Degrees</i>	<i>Degrees</i>	<i>Degrees</i>	<i>Inches</i>	<i>Inches</i>	<i>Inches</i>	<i>Percent</i>
Panhandle	48	17	32	0.16	3.86	-1.78	68
West Central	49	22	34	0.13	6.58	-2.73	71
Southwest	51	22	36	0.08	7.69	-2.82	73
North Central	45	19	31	0.21	5.95	-4.12	59
Central	49	21	35	0.13	7.71	-6.20	55
South Central	50	24	37	0.20	11.39	-4.67	71
Northeast	45	20	32	0.25	9.76	-6.07	62
East Central	47	23	35	0.31	13.99	-4.58	75
Southeast	50	25	37	0.57	12.62	-8.77	59